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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/477,962

DATE: 07/07/2001

TIME: 13:10:36

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4 DU, LIANGCHENG
5 SANCHEZ, CESAR
6 CHEN, MEI
7 EDWARDS, DANIEL J.
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13 <140> CURRENT APPLICATION NUMBER: 09/477,962
14 <141> CURRENT FILING DATE: 2000-01-05
16 <150> PRIOR APPLICATION NUMBER: 60/115,435
17 <151> PRIOR FILING DATE: 1999-01-06
19 <150> PRIOR APPLICATION NUMBER: 60/118,848
20 <151> PRIOR FILING DATE: 1999-02-05
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364	agcaccgcga	tcgggctggt	cgtcaacagc	ctcgcgctcc	gcgtccggat	gaccggcggc	10020
366	acctggggcg	acctgatcac	cgccacgctg	gagtcgagc	gcgcctcgat	gccgtaccgg	10080
368	cggctgccga	tggccgaact	caagcgccac	cagggcaacg	aaccctggc	cgagacgctg	10140
370	ttcttcttca	ccaactacca	cgtcttcacc	gtgctcgacc	gctggatcga	ccgcggcgct	10200
372	ggccacgctg	ccaacgagct	ctacggcgag	tccaccttcc	ccttctgcgg	catcttcgcg	10260
374	ctgaaccggg	agaccggcga	gctggaggtc	cgcacgcagt	acgacagcct	gcagttctcc	10320
376	gacgccctca	tggagagcgt	ccgcgacagc	tacggcccg	tcctcgcggc	cctggtcgcc	10380
378	gaccccgacg	ggcgctacga	ccggcagcag	ttccgctccg	accgcgaccg	ggccgcactg	10440

RAW SEQUENCE LISTING

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Input Set : A:\407t8958.app

Output Set: N:\CRF3\07062001\I477962.raw

```

380 gccgtcctca cccgcggggc cgaggcgccg gcggccgacc ggtgcctgca cgacctgggtg 10500
382 gcggaccggg cgggcgagcc ccccgacgcc ccggccgtcc agctggacac cgacgtgctc 10560
384 agctacggcg agctcgaccg ccgcgccaac cggctggccc accacctgcg ttcgtcggc 10620
386 atcggccccg agagcgctgt cggcgctctg gccgaacgct ccctcgccca gatcatcggc 10680
388 ctctcgcggg tctcaaggc gggcgccgcc tacgtccgcg tcgaccggc ccagcccgc 10740
390 gagcgctcgc ccgcgctcat cgcggggagc ggggcgcgcg ccgtcctcca ccggcccggc 10800
392 ctcaaggggc ggctgcccgc gggcgctcgc gcgtcccca ccgacgcgcg cgacggcagc 10860
394 accgccacgc acgaccccg gcccacgcgc acgcccgcga acgcccgcga cgtgatgtac 10920
396 acctccgat ccaccggaga gcccagggc atcgctgtcg aacaccgcaa cgtcgtggcc 10980
398 tccctcgccg cccgcggcgc ccactacgcg gcgggacccg gccggttcct gctgctgtcc 11040
400 tcttcgcctc tcgacagctc ggtcgccggc atcttctgga cgtgacca gggcggcacc 11100
402 ctctcctgc ccggcgaggg acagcaactc gaccccgccg cgtggtgga gaccatcgcc 11160
404 cggcaacggc ccaccacac cctcgccatc ccctccctgc tggcgccgt cctggaccag 11220
406 gccgccccg gcgacctgc cctcctgcgc acggtgatcg ccgggggga gtctgtcgc 11280
408 gccgaactgg ccgcgcctg ccgggacctg ctgcccggga gcacctcca caacgagtac 11340
410 ggcaccacgc agaccacgt gtggagcacc gtctggtccc aggagaacga gcacgacgga 11400
412 cccacctcc ccacggcgcg gccggctgcg ggcacctggg tgcaccccg cgaccacgc 11460
414 ggacgcacgc tccccctcg cgtcgccgcg gaactctcca tcggcggcgc cggcgtggcc 11520
416 cgcggctacc tcgggcgcgc ccgggacacc gcggcgccct tccgcccga ccccgaggcc 11580
418 acggctcccg gcggcggcgc ctacgccacc ggcgacctcg gccgctacct ccccgacggc 11640
420 aacctggagt tctcggccg ccgcgaccac caggtaaga tcccggtt ccgggtcgag 11700
422 ctcgcgaga tcgaggcgt cctcgacacc caccggagc tccagcgga catcgtcatg 11760
424 gcacgcggcg accaccccg cgaccaggtg ctgctgcct acgtcctccc cgccccggc 11820
426 cggcgcccg aaccgcgga catccagggt tacgtcgcg accggtgcc ccgtacatg 11880
428 gtgcccacgc cggtgatgt cctcgacgcg gtacgcgtga ccgcgcgg caaggtcgac 11940
430 cgggcctgc tccccgcgc cagccacgc cagctcacc gggaccagga gtacgtcgag 12000
432 cccggcaccg acaccgagcg ggcgctgcgc gccatctggg ccgacgtcct caaactggac 12060
434 cggatcgggg ccggtgacgc cttcttcgac gtggcgggcg aatccctgcg cgcgatgcag 12120
436 gccaccgcgc cggccaacaa gatgttcgc accgcgtct ccgtccgcgc cctcttcgag 12180
438 gcgcctccc tgcgggagtt cgcaccagag atcgacaagg ccgcctcgc gggcgggcg 12240
440 accggcctca ccggccccgc ggcgcgcccg gccaccggag gtgcgcgga atgaccccg 12300
442 ccgcgacac caccaccccg ctctgcgcg cccagcgag catgtggtt ctgcaccggc 12360
444 tcgcgcccga ggtgcccgc tacaacatct gcaccgccat cgagctcacc ggcacaccgc 12420
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458 tcgcggggc cccggacccc ctcggcacac ccgcgcggg ctacggacgg cagtgcggga 12840
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466 ccgtcaccgg ctacgtgctg ctgctgcgc ccctgcctg cctggtcgc cggtacaccg 13080
468 gccggacgga cgtggtgate ggtcaccgc tcggaactgc cgaggacccc gaagggtcgc 13140
470 ccaccgtcgc ccgatgctc aacctgctgc cgtgcgcct ccggtgcac ggcgacccc 13200
472 gcttcggcga ggtcctggcc cgcaccggg agacgtgct cggcgcgct gagcaccgca 13260
474 ccacaccgtt cgaggacatc gtcgacgcg tgggcgcga ccgggacccg gacgtcagcc 13320
476 ccctcttcca gatcctctt gccacgaac gcccccgcc cccaccgcg ttaccgggcg 13380

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 Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/477,962

DATE: 07/07/2001

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Input Set : A:\407t8958.app

Output Set: N:\CRF3\07062001\I477962.raw

L:2438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:3277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:3299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74
L:3316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75
L:3382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80
L:3401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81
L:3487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:3513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:3536 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88
L:3553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89
L:3575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:90
L:3608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:3642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92